

## Westlake US 2 Daily Report

Date Reported: 4/20/2024

### Pressure Data:

Time	BW #7B Tubing Pressure (PSI)	BW #7B Casing Pressure (PSI)	BW #7B Downhole Pressure @ 2,650' (PSI)	#7B Brine Injection Flow (GPM)	BW #6X Casing Pressure (PSI)	BW #2 Tubing Pressure (PSI)	BW #2 Casing Pressure (PSI)	BW #4 Tubing Pressure (PSI)	BW #4 Casing Pressure (PSI)
4/19/24 5:00 AM	70.134	427.045	1411.000	339.054	7.908	245.346	611.500	242.222	259.575
4/19/24 6:00 AM	70.177	427.111	1411.000	338.713	7.983	245.396	611.675	242.254	259.626
4/19/24 7:00 AM	70.523	427.193	1411.000	339.255	8.072	245.404	611.690	242.318	259.711
4/19/24 8:00 AM	70.700	427.332	1411.000	339.358	8.291	245.480	611.755	242.446	259.848
4/19/24 9:00 AM	70.734	427.472	1411.000	339.116	8.580	245.557	611.828	242.553	259.950
4/19/24 10:00 AM	70.726	427.556	1411.000	339.079	8.922	245.624	612.068	242.639	260.043
4/19/24 11:00 AM	70.777	427.701	1411.000	338.588	9.442	245.705	612.653	242.774	260.150
4/19/24 12:00 PM	70.819	427.904	1411.000	338.345	10.065	245.809	612.742	242.869	260.270
4/19/24 1:00 PM	70.758	427.996	1411.000	337.546	10.521	245.861	612.758	242.808	260.233
4/19/24 2:00 PM	71.028	428.107	1411.000	338.064	10.821	245.963	612.918	242.868	260.334
4/19/24 3:00 PM	71.009	428.245	1411.000	338.140	11.238	245.999	612.904	242.865	260.362
4/19/24 4:00 PM	70.675	428.066	1411.000	337.756	11.195	245.971	612.836	242.795	260.300
4/19/24 5:00 PM	70.055	427.771	1411.000	336.946	10.987	245.982	613.223	242.831	260.363
4/19/24 6:00 PM	69.394	427.528	1411.000	335.900	10.971	246.067	613.671	242.922	260.468
4/19/24 7:00 PM	69.267	427.278	1411.000	335.305	10.763	246.046	613.596	242.815	260.413
4/19/24 8:00 PM	69.222	427.113	1411.000	336.016	10.455	246.062	613.606	242.851	260.452
4/19/24 9:00 PM	69.260	426.958	1411.000	337.991	10.220	246.087	613.646	242.920	260.514
4/19/24 10:00 PM	69.135	426.896	1411.000	337.697	10.068	246.128	613.674	242.997	260.591
4/19/24 11:00 PM	69.128	426.873	1411.000	338.000	9.951	246.177	613.724	243.043	260.650
4/20/24 12:00 AM	69.424	426.909	1411.000	339.781	9.896	246.187	613.770	243.085	260.714
4/20/24 1:00 AM	69.453	426.955	1411.000	339.486	9.808	246.236	613.868	243.157	260.786
4/20/24 2:00 AM	69.495	427.018	1411.000	339.081	9.779	246.297	613.975	243.230	260.862
4/20/24 3:00 AM	69.426	427.022	1411.000	338.996	9.757	246.331	614.000	243.264	260.926
4/20/24 4:00 AM	69.433	427.022	1411.000	338.550	9.726	246.383	614.039	243.311	260.973
4/20/24 5:00 AM	69.384	427.008	1411.000	338.418	9.660	246.412	614.148	243.365	261.008
4/20/24 6:00 AM	69.362	426.990	1411.000	338.315	9.648	246.456	614.709	243.403	261.072
4/20/24 7:00 AM	69.417	426.970	1411.000	338.634	9.701	246.525	614.959	243.482	261.167

### Site Observations:

-None

### Operational Notes:

- WalkerHill to continue drilling the deformation device locations (tiltmeter, GPS, and Insar).
- Lonquist installing geophones in 20BW





Date:

4-19-24

Sulphur Field Observation Daily Report (Dayshift)

Daily Westlake Water Well Readings	GPM
Water Well #11	460.5
Water Well #12	1317.8
Water Well #13	0.00
Water Well #19	0.00
Water Well #40	0.00

Downhole Gauge #7 Brine Well	Morning	Afternoon
	1411	1411

Site 1 (E of #22 BW)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		H2S/Methane 0	0		
		H2s 0	0		
		PID (VOC) 0	0		

Site 3 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
		PID (VOC) 0	0		

Site 4 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
		PID (VOC) 0	0		

Site 5 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
		PID (VOC) 0	0		

Site 6 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
		PID (VOC) 0	0		

Site 7 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 8 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 9 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.0	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 10 (Yellow rock #7)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 12 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 14 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 17 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 18 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 21 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 22 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 23 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 24 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 25 (Central Lake)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.2	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 19 (#4 BW Pond)	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
	O2	21.0	21.0		
	Methane	0	0		
	H2s	0	0		
	PID (VOC)	0	0		

Site 20 (Sheen on Salt Lake (Big Pond))	(Circle One)	Present	<u>Not Present</u>
		Morning	Afternoon
		O2 N/A	N/A
		Methane N/A	N/A
		H2s N/A	N/A
	PID (VOC) N/A	N/A	

#7B Wellhead Cellar	(Circle One)	More Intense	Less Intense	No Bubbles	<u>Bubbling - no change in intensity</u>
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
	PID (VOC) 0	0			

#7A Plugged Well Site	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
	PID (VOC) 0	0			

#26 Bubble site (Salt Lake (Big Pond))	(Circle One)	More Intense	Less Intense	No Bubbles	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
	PID (VOC) 0	0			

#27 Bubble site (Road S of Yellow rock shop)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
	PID (VOC) 0	0			

#28 Bubble site (MW-2 500' Well)	(Circle One)	More Intense	Less Intense	<u>No Bubbles</u>	Bubbling - no change in intensity
		Morning	Afternoon		
		O2 21.2	21.0		
		Methane 0	0		
		H2s 0	0		
	PID (VOC) 0	0			

- |                                       |  |
|---------------------------------------|--|
| #7 Well Pad Site General Housekeeping | <input checked="" type="checkbox"/> Check Berms for leaks or oil/brine<br><input checked="" type="checkbox"/> Check hoses at each connection from rental pump to piping tie-in<br><input checked="" type="checkbox"/> Check cellar for oil<br><input checked="" type="checkbox"/> Check Wellhead for leaks |
|---------------------------------------|--|

Signature LA

New Observation or comments? H2O samples @ central pond

Date: 4/19/24

Sulphur Field Observation Daily Report (Nights Shift)

7th Downhole Gauge	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
	1411	1411	1411	1411	1411	1411	1411	1411	1411	1411	1411	1411

Site 1 (E of #22 BW)	Circle One					Bubbling, no change in intensity
	More Intense	Less Intense	No Bubbles	More Intense	Less Intense	
01	20.9					20.9
02	0					0
03	0					0
04	0					0
05	0					0

7A Plugged Well Site	Circle One					Bubbling, no change in intensity
	More Intense	Less Intense	No Bubbles	More Intense	Less Intense	
01	20.8					20.9
02	0					0
03	0					0
04	0					0
05	0					0

Site 10 (Yellowrock #7)	Circle One					Bubbling, no change in intensity
	More Intense	Less Intense	No Bubbles	More Intense	Less Intense	
01	20.9					20.9
02	0					0
03	0					0
04	0					0
05	0					0

Site 9 (44 BW Pond)	Circle One					Bubbling, no change in intensity
	More Intense	Less Intense	No Bubbles	More Intense	Less Intense	
01	20.9					20.9
02	0					0
03	0					0
04	0					0
05	0					0

Site 19 (H4 BW Pond)		(Circle One)	More Intense	Less Intense	No Rubbles	Rubbling no change in intensity		
	02	20.9					20.9	
	Methane	0					0	
	H2S	0					0	
	PH (pH)	0					0	

#27 Wellhead Cellar		(Circle One)	More Intense	Less Intense	No Rubbles	Rubbling no change in intensity		
	02	20.8					20.9	
	Methane	0					0	
	H2S	0					0	
	PH (pH)	0					0	

#27 Rubble site (Road S of Yellow rock shop)		(Circle One)	More Intense	Less Intense	No Rubbles	Rubbling no change in intensity		
	02	20.9					20.9	
	Methane	0					0	
	H2S	0					0	
	PH (pH)	0					0	

#28 Rubble site (MM-2 500' Well)		(Circle One)	More Intense	Less Intense	No Rubbles	Rubbling no change in intensity		
	02	20.8					20.9	
	Methane	0					0	
	H2S	0					0	
	PH (pH)	0					0	

#7 Well Pad Site General Housekeeping

Check items for leaks or oil/burne

Check hoses at each connection from rental pump to piping in an

Check collar for oil

Check Wellhead for leaks

New Observation, intensity changes, or comments?

M.E.

**Central Lake Water Column Profile**  
Sulphur Dome - Calcasieu Parish, Louisiana

Cond

Date:	4-19-24		Time:	8:00	
Depth (ft):	5 ft. 3				
	Top (Blue)	Middle (Yellow)	Bottom (Red)		
pH	7.97	7.68	7.16		
SC (uS/cm)	2125	2126	2197		
ORP (mV)	37	4	-254		
Temp (°C)	26.0	26.2	26.0		
TDS (ppm)	1566	1569	1625		

Cond -

Date:			Time:		
Depth (ft):					
	Top (Blue)	Middle (Yellow)	Bottom (Red)		
pH					
SC (uS/cm)					
ORP (mV)					
Temp (°C)					
TDS (ppm)					

Cond.

Date:			Time:		
Depth (ft):					
	Top (Blue)	Middle (Yellow)	Bottom (Red)		
pH					
SC (uS/cm)					
ORP (mV)					
Temp (°C)					
TDS (ppm)					

Cond

Date:			Time:		
Depth (ft):					
	Top (Blue)	Middle (Yellow)	Bottom (Red)		
pH					
SC (uS/cm)					
ORP (mV)					
Temp (°C)					
TDS (ppm)					